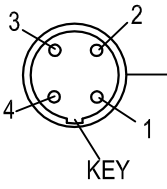
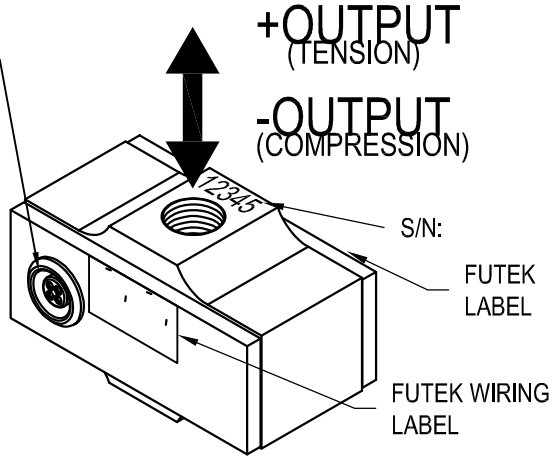
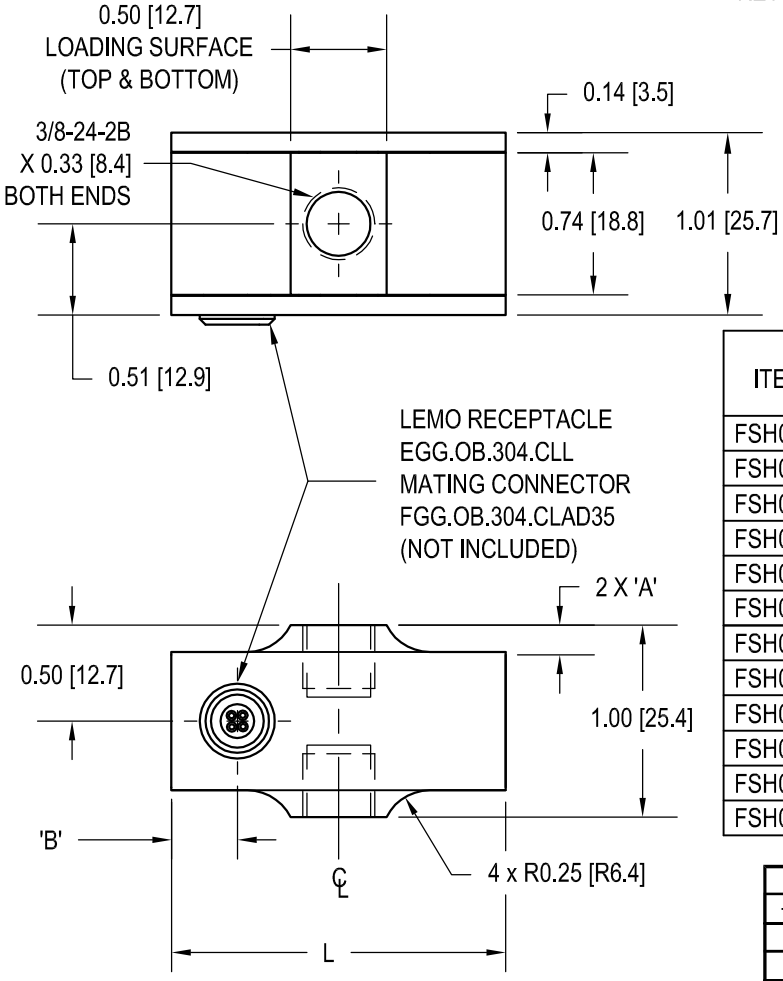
FUTEK MODEL LRF350 (L2320) *LOW PROFILE TENSION AND COMPRESSION LOAD CELL*

Drawing Number: FI1070-C	
INCH [mm]	R.O.= Rated Output

CONNECTOR CODE (CC4)			
+Excitation	-Excitation	+Signal	-Signal
1 RED	4 BLACK	2 GREEN	3 WHITE







ITEM#	CAPACITY lb	CAPACITY N	A	B	L	MATERIAL	CABLE OPTION
FSH00083	150	667	0.16 [4.1]	0.35 [8.9]	1.74 [44.2]	ALUMINUM 2 oz [57 g]	
FSH00077							X
FSH00084	200	890	0.14 [3.6]	0.36 [9.1]			
FSH00078							X
FSH00085	300	1334	0.12 [3.0]	0.39 [9.9]			
FSH00079							X
FSH00086	500	2224	0.16 [4.1]	0.34 [8.6]	1.70 [43.2]	17-4PH S.S. 5 oz [142 g]	
FSH00080							X
FSH00087	750	3336	0.14 [3.6]	0.36 [9.1]			
FSH00081							X
FSH00088	1000	4450	0.11 [2.8]	0.39 [9.9]	1.74 [44.2]		
FSH00082							X

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±1% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.1% of R.O.*
HYSTERESIS	*±0.1% of R.O.*
NONREPEATABILITY	*±0.05% of R.O.*
CREEP	*±0.05% of LOAD*
TEMP. SHIFT ZERO	*±0.005% of R.O./°F[0.01% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.005% of LOAD/°F[0.01% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
MATERIAL(FLEXURE)	*SEE CHART*
MATERIAL(COVER)	*ALUMINUM, Red Anodized After S/N:400511*
DEFLECTION	*0.002[0.05] nom.*

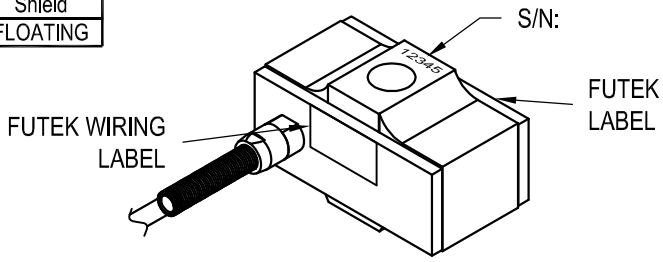
CONNECTOR: LEMO 4 Pin Receptacle (EGG.OB.304.CLL)

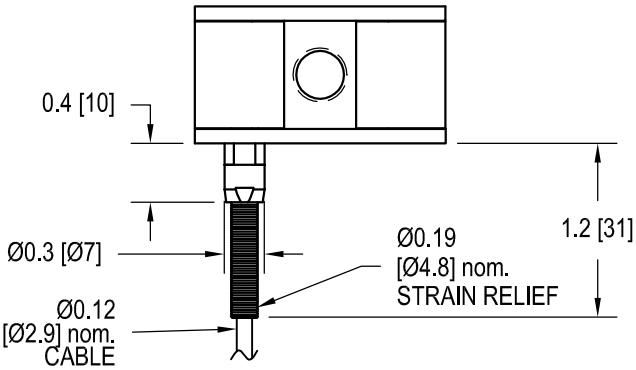
CABLE: #28 AWG, 4 Conductor, Spiral Shielded Clear PVC Cable 10 ft [3 m] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*5 pt. TENSION; 60.4 KΩ SHUNT CAL. VALUE*
CALIBRATION (AVAILABLE)	*COMPRESSION*
CALIBRATION TEST EXCITATION	*10 VDC*

CABLE OPTION (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			





FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

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